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SOURCE Tekhnika-Molodezhi, No 6, 1953

GRAPHICS MATERIAL ON HYDRAULIC COAL MINING IN THE USSR

Requests for copies of, or further information on, the photograph described herein should be addressed to Graphics Register, CIA, by referring to report number and item number.

1. Location: USSR, RSFSR, Kemerovskaya Oblast, Prokop'yevsk, Tyrganskiye
Uklony Mine

Caption and/or Description: Sketch of hydraulic coal mining operations in a Donbass mine

Key to Sketch:

1. Hydromonitor in operation in mine
2. Pipeline for transmitting water to hydromonitor
3. Wooden trough along which mixture of coal and water is moved to the coal crusher
4. Coal crusher
5. Collection chamber which receives the mixture after it leaves the coal crusher
6. High-pressure pump for pumping mixture to surface
7. Pipeline through which mixture moves to sedimentation tanks at surface
8. Covered sedimentation tanks holding thousands of tons of coal
9. Surface coal-cleaning plant where coal is separated from rock and dried

- 1 -

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10. Conveyer belt within bridge-like structure by which coal is conveyed to bunkers
11. Surface building containing bunkers from which coal is loaded onto railroad cars
12. Surface building containing pumping station tanks. Water from sedimentation tanks goes by pipe to this building and is reused as the water supply for the hydromonitor

Source: Tehnika-Molodezhi, Moscow, June 1953, pages 8 and 9

- E N D -

NODEX

- 2 -

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